Harmony Remote H768 User Manual

This User Manual introduces you to the main features of your Harmony Remote H768. Please note that the HarmonyRemote.com web site and web wizards are constantly updated to improve your experience. At times the information in this manual may be out of date. If in doubt, follow the information and instructions on the web site. Select a topic from the Index to learn more about your Harmony Remote H768:

If you did not find what you were looking for, contact us.

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Introduction

The Harmony Remote is an internet powered universal remote. For the first time you will be able to control your home entertainment devices as a *system*, not as a collection of components.

To configure your Harmony Remote, answer **web wizard** questions to create your own personal Harmony configuration. The web wizards allow you say how you have set up your home entertainment components, and what your preferences are.

Your Harmony Remote can control most devices that understand infrared (IR) signals. If one of your devices is not in the HarmonyRemote.com database, the web wizard will learn about your device and will automatically add it to the database.

At the end of the setup process, you will have your own configuration loaded onto your Harmony Remote and your own personal **Harmony Member home page**. Come back to your Member home page as often as you like to customize all of your Harmony Remote's features, to update your interactive television listings, to explore your Zap links, or to add new entertainment devices.

How is the Harmony Remote H768 different?

The Harmony Remote H768 has fewer buttons than many other remotes. This is because the Harmony Remote takes care of many tasks automatically. For example, you do not need a separate button to choose between controlling your TV or your VCR. With the Harmony Remote, you say what you want to do (e.g. Watch a Videotape) and the Harmony automatically controls your TV and your VCR *at the same time*! You do not have to program any macros to achieve this level of automated and simple control.

The ways that you interact with your entertainment system are grouped into **Activities**. Each Activity controls just those devices that are needed. For example, in the "Watch a Videotape" Activity example above, the Harmony Remote controls the television and VCR together.

There are two buttons and a scroll wheel on the right hand side of your Harmony Remote. The scroll wheel can be rotated with your thumb or finger to view options on the LCD screen. The scroll wheel is also a **Select** button. Press it on your Harmony Remote to feel it click. This is used to select options that you see on the LCD screen. The oval button below the scroll wheel generally changes to a new **Mode**, **Cancels** a selection, or **Exits** a sub-menu.Take a moment to find these buttons in the picture, and on your Harmony Remote.

Smart State Technology

Smart State Technology™ is what allows the Harmony to command your entire entertainment system with just one touch. For example, when you select an Activity (e.g. "Watch a DVD"), the Smart State Technology™ instantaneously evaluates the current state of all your individual components and then sends the appropriate commands for perfect configuration. In other words, the Harmony will turn on your TV, DVD and receiver, set the inputs, and even start the DVD playing. With Smart State Technolgoy™, you will never need to program macros to control your system simply and perfectly.

If your Harmony Remote gets out of sync with your entertainment devices, press the Help button. For more information, read the "~~Using your Harmony Remote~~" chapter in this manual.

Activities

When your entertainment system is off, your Harmony Remote shows the main menu on its LCD screen. The main menu shows which **Activities** you can enjoy. Different homes have different entertainment devices, so your Harmony will only show you the Activities that are relevant to you!

Modes

Once you have selected an Activity to enjoy, your Harmony's LCD screen will show options that are available for that Activity. The functionality of the buttons on your Harmony is also tailored to the Activity.

Some Activities have more than one Mode. Press the side button (below the scroll wheel) to change Modes. In each Mode the buttons on the Harmony Remote may have slightly different functions, and the LCD screen may show different commands. For example, when you watch a DVD, you can change between Play Mode and Navigate Mode. In Play Mode the number buttons send the corresponding numbers to your DVD player. In Navigate Mode, the numbers 5 (Up), 0 (Down), 7 (left), 9 (Right) control the cursor on your DVD's onscreen menu, and the 8 (select) button selects an onscreen option.

Setting up your Harmony Remote

Step 1: Create a new User account

Enter information about yourself, such as your address and zip code. This information is used to determine which antenna, cable or satellite channels are available in your area.

Step 2: Answer web wizard questions about what devices you want to control as a system

This step is best performed by someone in your household who is familiar with your entertainment system. The web wizard will ask you questions about the make and model of your entertainment devices.

If your device model number is not in the HarmonyRemote.com database, you have the option of choosing a compatible device, or setting up the device you own. We recommend that beginners select a compatible device to start. This will get you up and running faster. Later you can come back to your Member Home Page, and tweak the functionality of the device you chose.

At times the wizards will ask you to press buttons on your current remote controls to identify infrared languages or teach infrared commands. This will allow your Harmony Remote to determine which infrared languages and commands control your entertainment devices. Gather all of your current remote controls and bring them to your computer. For more details on the best way to teach infrared, please read the "Customizing your Harmony Remote" chapter in this manual.

Step 3: Answer web wizard questions about how you have set up your entertainment devices

As described in the previous chapter, your Harmony Remote organizes functionality into Activities. The web wizard will ask you questions about how your entertainment devices are connected so that appropriate Activities can be created and automatically configured.

The web wizard not only creates a configuration that is perfect for your entertainment system, but also for your preferences. Therefore there will also be questions related to your favorite channels, channels you would like to hide, etc.

Update your Harmony Remote with your configuration

Once you have finished answering the questions, the wizard compiles a configuration that is then downloaded from the Internet to your computer. From there it is transferred to your Harmony Remote's memory via the USB cable. Your Harmony contains Flash memory to store your configuration, so it is never lost, even if you take out the batteries.

Whenever you wish to make changes (such as when you buy a new entertainment device), simply logon to your Member Home Page at HarmonyRemote.com and update your Harmony Remote with the new configuration.

Keep in mind that because everyone's entertainment devices are different, the wizards may not get

things exactly right the first time. That's ok. Just go back to your Member Home Page and tweak the settings, or run one of the setup wizards again. Update your Harmony Remote with the new configuration and try again.

Something to remember is that whenever your configuration file is transferred to your Harmony Remote's memory, all of your TV listings are transferred as well. This transfer can take a few minutes depending on how many channels are transferred.

Using your Harmony Remote H768

Important: Please read before using your Harmony Remote for the first time.

After your Harmony Remote has been programmed for the first time you must synchronize it with your entertainment devices. This will tell the Harmony Remote which devices are on and off, and what their inputs are set to. You will only have to do this the first time that you try an Activity. From then on your Harmony Remote will rememeber these settings and will control all of your entertainment devices for you.

Synchonization Steps:

1. Start by turning off all of your entertainment devices by hand or with their original remote controls (you can put them away after this because you shouldn't need them again).
2. Use the scroll wheel on the side of your Harmony Remote to choose an Activity you would like to try (see below for more details on how to select Activities).
3. If your Harmony Remote did not seem to turn on the correct devices for that Activity, or if an input or setting is not correct (for example, you do not see a picture on your TV or hear sound) press the Help button on your Harmony Remote. Answer the questions on your Harmony Remote's LCD screen by selecting Yes or No with the scroll wheel. This will synchronize the Harmony Remote with your entertainment devices.
4. Press the Harmony Remote's power button to turn off your entertainment system.
5. Repeat steps 2 to 4 to try other Activities.
6. After you have tried each Activity (and used Help if necessary), if your Harmony Remote is not controlling your entertainment system as you expect it to, then return to your Harmony Member home page. Click on the "Troubleshoot" button and the Troubleshooting web wizard will help you find the problem and make the necessary changes to get all of your Activites working perfectly.

Selecting an Activity

When your entertainment system is turned off, your Harmony Remote LCD display shows Activities that you can enjoy. The Harmony Remote only displays Activities that you have set up for your entertainment system. The picture below shows some of the Activities that you may have set up.

To select an Activity that you wish to enjoy, simply rotate the scroll wheel with your thumb until you see the Activity on the LCD screen. Then press the scroll wheel in to select the Activity (you will feel it click). The Harmony Remote will send all the appropriate commands to your entertainment system so that it is configured for that Activity. For example, if you have a television and a satellite receiver, the Harmony Remote will turn on your television, turn on your satellite receiver, and set your television to the correct input.

When your entertainment system is off, press the Power button to quickly select your favorite Activity. By default this is the “Watch Television” Activity. You can use this tip to explain quickly to friends, relatives, or the baby sitter how to turn on your entertainment system and start channel surfing.

Changing Activities

To change to a different Activity, simply press the POWER button once. The LCD screen will prompt you to "Press the POWER button again to switch off your entertainment system, or scroll for more options". Rotate the scroll wheel with your thumb until you see the desired Activity on the LCD screen. Then press the scroll wheel in to select the Activity. The Harmony Remote will send all the appropriate commands to your entertainment system so that it is configured for that Activity.

An alternative method of changing to a different Activity is to use the Mode/Cancel button to switch into Control Mode. Once in Montrol Mode you can use the scroll wheel to select the "Change Activity" menu item and the use the scroll wheel again to select the desired Activity. The Harmony Remote will send all the appropriate commands to your entertainment system so that it is configured for that Activity.

Status Light

The green status light located at the top of your Harmony Remote blinks or shines at various times to remind you that your Harmony Remote is sending infrared commands to your entertainment devices. So if you use your television, stereo receiver and DVD player to watch DVDs, when you select "Watch a DVD" the status light may stay on for 3 to 5 seconds.

Make sure that you keep your Harmony Remote pointing at your entertainment devices while the green status light is on.

Resynchronizing

From time to time when you select an Activity, your system will not be configured perfectly. This can happen when the Harmony Remote is sending many infrared commands to set up all your devices for an Activity, and some of the commands are not received by one or more devices. The Harmony Remote is then "out of sync" with your devices because it thinks one of your devices is on, for example, but it is still turned off. These are some of the reasons why the Harmony Remote can get out of sync with your system when selecting an Activity:

- Someone walks between the Harmony Remote and your entertainment system while the red status light is on
- You point your Harmony Remote away from your system while the red status light is on
- There is an object blocking the line-of-sight between your Harmony Remote and the system
- You are very far away from your entertainment system

Before resynchronizing, make sure the cause of the problem has been addressed. For example, remove all obstructions so that the infrared commands that the Harmony Remote sends can be received by the entertainment devices.

To resynchronize, press the Help button. The Harmony Remote will ask you a series of questions such as "Is the Television On?" and "Is the Stereo Receicer set to the DVD input?". Answer the questions on your Harmony Remote's LCD screen by selecting Yes or No with the scroll wheel. When you're done, the Harmony Remote will be back in sync with your devices.

If after answering a few questions you believe the Harmony Remote is in sync again, press the side button (below the scroll wheel) to skip the rest of the resynchronization questions.

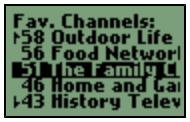
Menu and Button Functions (Modes within Activities)

When you select an Activity, the Harmony Remote will not only turn on all the correct entertainment devices and set their inputs correctly, it will also set up its LCD menu and buttons to match that Activity. For example, if you select the "Watch Television" Activity, the LCD will show a list of channels that you can select, and the Recall button will send "Previous Channel".

Some Activities have more than one Mode. Press the side button (below the scroll wheel) to change Modes. In each Mode the buttons on the Harmony Remote may have slightly different functions, and the LCD screen may show different commands. For example, when you watch a DVD, you can change between Play Mode and Navigate Mode. In Play Mode the number buttons send the corresponding numbers to your DVD player. In Navigate Mode, the numbers 5 (Up), 0 (Down), 7 (left), 9 (Right) control the cursor on your DVD's onscreen menu, and the 8 (select) button selects an onscreen option.

The diagrams below show the various Modes within each type of Activity. They show example LCD menus, and the default function of each button.

"Watch Television" Activity

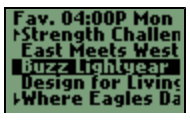


Favorite Channels Mode: In this mode, the LCD shows a list of all of your favorite channels. To change your favorite channels, from your Member Home Page, click on the "Edit this Activity" link next to the Watch Television icon, and then click on the "Change Settings" link.

All Channels Mode: In this mode, the LCD shows a list of all channels for you to select from. The list will not contain channels that you have deselected (i.e. channels you do not like). To hide channels that you never watch, from your Member Home Page, click on the "Edit this Activity" link next to the Watch Television icon, and then click on the "Change Settings" link.

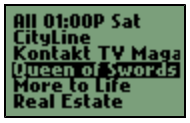
The button functions are quite similar in each of the modes in the "Watch Television" Activity. The Zap button bookmarks what you see on television. The Volume buttons control the volume on your television or stereo receiver (whichever you have specified to the web wizard). The Channel and number buttons change channel on your television, VCR, cable box, or satellite receiver, etc. (whichever you have specified to the web wizard).

"Watch Television" Activity,
"All Channels" or "Favorite Channels" Modes



Favorite Shows Mode: In this mode, the LCD shows a list of the TV shows that are on your favorite channels at a particular time. To change your favorite channels,

from your Member Home Page, click on the "Edit this Activity" link next to the Watch Television icon, and then click on the "Change Settings" link.

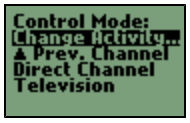


All Shows Mode: In this mode, the LCD shows a list of all TV shows that are on your channels at a particular time. The list will not contain TV shows on channels you have deselected (i.e. channels you do not like). To hide channels that you never watch, from your Member Home Page, click on the "Edit this Activity" link next to the Watch Television icon, and then click on the "Change Settings" link.

In the "All Shows" or "Favorite Shows" modes, the ">>" button allows you to see what's on in later time slots. This can be especially useful close to the hour (or half hour) when programs are about to change. Press this button to see what's on next. The "<<" button shows what was on in previous time slots.

"Watch Television" Activity,
"All Shows" or "Favorite Shows" Modes

In "All Channels" or "All Shows" modes, the list on the LCD can be quite long (depending on how many channels you receive). To rapidly scroll to a channel or show, the list is scrolled by pages when the cursor is at the top or bottom of the LCD screen. The arrow bars on the left side of the LCD screen remind you of this. To disable this rapid page scrolling mode, from your Member Home Page, click on the "Edit this Activity" link next to the Watch Television icon, and then click on the "Change Options" link.

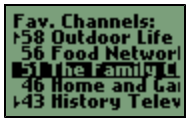


Control Mode: In this mode, you can change to a new Activity, or select one of your entertainment devices to control in more detail. The LCD shows a list of devices that are used in the Activity. For example, if you use your television, satellite receiver and stereo receiver to watch television, these three devices will be listed. Select one of the devices you would like to control. A list of submenus will be displayed. The commands are grouped by related function.

In the Control Mode, the deafult button mappings are the same as in the All and Fav. Channels Modes. This is a good mode to create your own button functions. For example, you could have the "<<*" button turn Picture-in-Picture (PIP) on and off, and the ">>" button perform the PIP swap function. To create your own button function, from your Member Home Page, click on the "Edit this Activity" link next to the Listen to CDs icon, and then click on the "Change a Buttons's function or behaviour for this Activity" link.

"Watch Television" Activity, Control Mode

"Watch Tivo TV" Activity



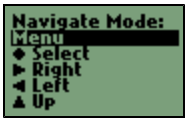
Favorite Channels Mode: In this mode, the LCD shows a list of all of your favorite channels. To change your favorite channels, from your Member Home Page, click on the "Edit this Activity" link next to the Tivo Television icon, and then click on the "Change Settings" link.

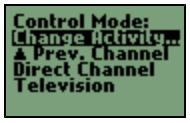
All Channels Mode: In this mode, the LCD shows a list of all channels for you to select from. The list will not contain channels that you have deselected (i.e. channels you do not like). To hide channels that you never watch, from your Member Home Page, click on the "Edit this Activity" link next to the Tivo Television icon, and then click on the "Change Settings" link.

The button functions are the same in each of the Channels modes in the "Tivo Television" Activity. The Zap button bookmarks what you see on television. The Volume buttons control the volume on your television or stereo receiver (whichever you have specified to the web wizard). The Channel and number buttons change channel on your PVR. The transport keys control the Pause, Advance, Replay commands for your PVR.

"Watch Tivo TV" Activity,
"All Channels" or "Favorite Channels" Modes

Navigate Mode: In this mode, you can control the menu system of your Tivo device. Your Tivo's main functions are easily accessed via the buttons on the Harmony Remote (see below for button functions). Other commands can be selected from the list displayed on the LCD.



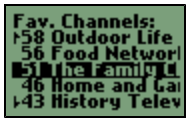


Control Mode: In this mode, you can change to a new Activity, or select one of your entertainment devices to control in more detail. The LCD shows a list of devices that are used in the Activity. For example, if you use your television, PVR and stereo receiver for Tivo television, these three devices will be listed. Select one of the devices you would like to control. A list of submenus will be displayed. The commands are grouped by related function.

In the Control Mode, the deafult button mappings are the same as in the All and Fav. Channels Modes. This is a good mode to create your own button functions. For example, you could have the "+*" button turn Picture-in-Picture (PIP) on and off, and the "E" button perform the PIP swap function. To create your own button function, from your Member Home Page, click on the "Edit this Activity" link next to the Listen to CDs icon, and then click on the "Change a Buttons's function or behaviour for this Activity" link.

"Watch Tivo TV" Activity, Control Mode

"Watch Replay TV" Activity

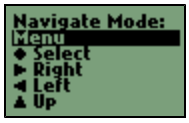


Favorite Channels Mode: In this mode, the LCD shows a list of all of your favorite channels. To change your favorite channels, from your Member Home Page, click on the "Edit this Activity" link next to the Watch ReplayTV icon, and then click on the "Change Settings" link.

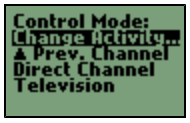
All Channels Mode: In this mode, the LCD shows a list of all channels for you to select from. The list will not contain channels that you have deselected (i.e. channels you do not like). To hide channels that you never watch, from your Member Home Page, click on the "Edit this Activity" link next to the Watch ReplayTV icon, and then click on the "Change Settings" link.

The button functions are the same in each of the Channels modes in the "Watch ReplayTV" Activity. The Zap button bookmarks what you see on television. The Volume buttons control the volume on your television or stereo receiver (whichever you have specified to the web wizard). The Channel and number buttons change channel on your PVR. The transport keys control the Pause, Advance, Replay commands for your PVR.

"Watch Replay TV" Activity,
"All Channels" or "Favorite Channels" Modes



Navigate Mode: In this mode, you can control the menu system of your ReplayTV device. Your ReplayTV's main functions are easily accessed via the buttons on the Harmony Remote (see below for button functions). Other commands can be selected from the list displayed on the LCD.

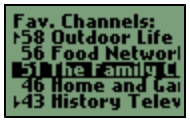


Control Mode: In this mode, you can change to a new Activity, or select one of your entertainment devices to control in more detail. The LCD shows a list of devices that are used in the Activity. For example, if you use your television, PVR and stereo receiver for Watch ReplayTV, these three devices will be listed. Select one of the devices you would like to control. A list of submenus will be displayed. The commands are grouped by related function.

In the Control Mode, the deafult button mappings are the same as in the All and Fav. Channels Modes. This is a good mode to create your own button functions. For example, you could have the "+*" button turn Picture-in-Picture (PIP) on and off, and the "E" button perform the PIP swap function. To create your own button function, from your Member Home Page, click on the "Edit this Activity" link next to the Listen to CDs icon, and then click on the "Change a Buttons's function or behaviour for this Activity" link.

"Watch Replay TV" Activity, Control Mode

"Watch PVR TV" Activity



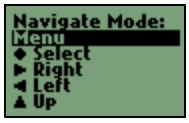
Favorite Channels Mode: In this mode, the LCD shows a list of all of your favorite channels. To change your favorite channels, from your Member Home Page, click on the "Edit this Activity" link next to the Watch PVR icon, and then click on the "Change Settings" link.

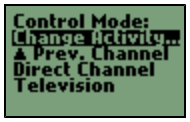
All Channels Mode: In this mode, the LCD shows a list of all channels for you to select from. The list will not contain channels that you have deselected (i.e. channels you do not like). To hide channels that you never watch, from your Member Home Page, click on the "Edit this Activity" link next to the Watch PVR icon, and then click on the "Change Settings" link.

The button functions are the same in each of the Channels modes in the "Watch PVR" Activity. The Zap button bookmarks what you see on television. The Volume buttons control the volume on your television or stereo receiver (whichever you have specified to the web wizard). The Channel and number buttons change channel on your PVR. The transport keys control the Pause, Advance, Replay commands for your PVR.

"Watch PVR TV" Activity,
"All Channels" or "Favorite Channels" Modes

Navigate Mode: In this mode, you can control the menu system of your PVR device. Your PVR's main functions are easily accessed via the buttons on the Harmony Remote (see below for button functions). Other commands can be selected from the list displayed on the LCD.



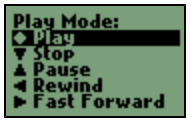


Control Mode: In this mode, you can change to a new Activity, or select one of your entertainment devices to control in more detail. The LCD shows a list of devices that are used in the Activity. For example, if you use your television, PVR and stereo receiver for Watch PVR, these three devices will be listed. Select one of the devices you would like to control. A list of submenus will be displayed. The commands are grouped by related function.

In the Control Mode, the deafult button mappings are the same as in the All and Fav. Channels Modes. This is a good mode to create your own button functions. For example, you could have the "+*" button turn Picture-in-Picture (PIP) on and off, and the "E" button perform the PIP swap function. To create your own button function, from your Member Home Page, click on the "Edit this Activity" link next to the Listen to CDs icon, and then click on the "Change a Buttons's function or behaviour for this Activity" link.

"Watch PVR TV" Activity, Control Mode

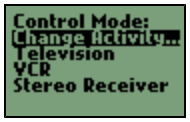
"Play a Videotape" Activity



Play Mode: In this mode, you can play, stop, pause, fast forward, etc. the Videotape. Your VCR's main functions are easily accessed via the buttons on the Harmony Remote (see below for button functions). Other commands can be selected from the list displayed on the LCD.

The Volume buttons control the volume on your television, stereo receiver or amplifier (whichever you have specified to the web wizard).

"Play a Videotape" Activity, Play Mode



Control Mode: In this mode, you can change to a new Activity, or select one of your entertainment devices to control in more detail. The LCD shows a list of devices that are used in the Activity. For example, if you use your television, VCR and stereo receiver to watch videos, these three devices will be listed. Select one of the devices you would like to control. A list of submenus will be displayed. The commands are grouped by related function.

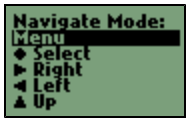
In the Control Mode, the deafult button mappings are the same as in the Play Mode. This is a good mode to create your own button functions. For example, you could have the 9 (Right) and 7 (Left) direction buttons perform balance control on your stereo receiver. To create your own button function, from your Member Home Page, click on the "Edit this Activity" link next to the Watch a DVD icon, and then click on the "Change a Button's function or behaviour for this Activity" link.

"Play a Videotape" Activity, Control Mode

If your VCR automatically turns on when you insert a video tape, simply turn it off again before you select "Play a Videotape". This will prevent the Harmony Remote from getting out of sync with your VCR.

When you are watching a video and the phone rings, simply press Mute. The Harmony will not only mute the sound, but will also pause the video.

"Watch a DVD" Activity

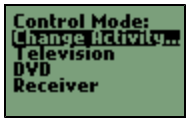


Navigate Mode: In this mode, you can play, stop, pause, fast forward, etc & control the menu system of your DVD player. Your DVD's main functions are easily accessed via the buttons on the Harmony Remote (see below for button functions). Other commands can be selected from the list displayed on the LCD.

"Watch a DVD" Activity, Navigate Mode

Numbers Mode: In this mode, you can play, stop, pause, fast forward, etc and send numbers to the DVD. Your DVD's main functions are easily accessed via the buttons on the Harmony Remote (see below for button functions). Other commands can be selected from the list displayed on the LCD.

The Volume buttons control the volume on your television, stereo receiver or amplifier (whichever you have specified to the web wizard).



Control Mode: In this mode, you can change to a new Activity, or select one of your entertainment devices to control in more detail. The LCD shows a list of devices that are used in the Activity. For example, if you use your television, DVD player and stereo receiver to watch DVDs, these three devices will be listed. Select one of the devices you would like to control. A list of submenus will be displayed. The commands are grouped by related function.

In the Control Mode, the deafult button mappings are the same as in the Navigate Mode. This is a good mode to create your own button functions. For example, you could have the 9 (Right) and 7 (Left) direction buttons perform balance control on your stereo receiver. To create your own button function, from your Member Home Page, click on the "Edit this Activity" link next to the Watch a DVD icon, and then click on the "Change a Button's function or behaviour for this Activity" link.

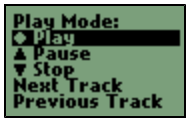
"Watch a DVD" Activity, Control Mode

If your DVD player automatically turns on when you insert a DVD disc, simply turn it off again before you select "Watch a DVD". This will prevent the Harmony Remote from getting out of sync with your DVD player.

When you are watching a DVD and the phone rings, simply press Mute. The Harmony will not only mute the sound, but will also pause the DVD.

Some DVD players don't respond to certain infrared commands when the "intro" portion is playing. For example, Pause and Zoom may not work while the DVD intro is playing.

"Listen to CDs" Activity

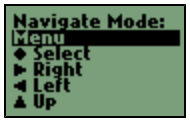


Numbers Mode: In this mode, you can play, stop, pause, fast forward, etc and send numbers to the CD. The commands can be selected from the LCD list, or many functions are easily accessed via the buttons on the Harmony Remote (see below for button functions).

The Volume buttons control the volume on your stereo receiver or amplifier (whichever you have specified to the web wizard).

"Listen to CDs" Activity, Play Mode

Navigate Mode: In this mode, you can you can play, stop, pause, fast forward, etc & control the menu system of your CD player. Your CD's main functions are easily accessed via the buttons on the Harmony Remote (see below for button functions). Other commands can be selected from the list displayed on the LCD.



Control Mode: In this mode, you can change to a new Activity, or select one of your entertainment devices to control in more detail. The LCD shows a list of devices that are used in the Activity. For example, if you use your CD player and stereo receiver to listen to CDs, these two devices will be listed. Select one of the devices you would like to control. A list of submenus will be displayed. The commands are grouped by related function.

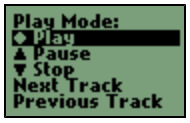
In the Control Mode, the deafult button mappings are the same as in the Numbers Mode. This is a good mode to create your own button functions. For example, you could have the 9 (Right) and 7 (Left) direction buttons perform balance control on your stereo receiver. To create your own button function, from your Member Home Page, click on the "Edit this Activity" link next to the Listen to CDs icon, and then click on the "Change a Buttons's function or behaviour for this Activity" link.

"Listen to CDs" Activity, Control Mode

If your CD player automatically turns on when you insert a CD, simply turn it off again before you select "Listen to CDs". This will prevent the Harmony Remote getting out of sync with your CD player.

When you are listening to a CD and the phone rings, simply press Mute. The Harmony will not only mute the sound, but will also pause the CD.

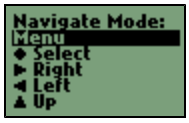
"CD Jukebox" Activity



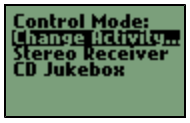
Numbers Mode: In this mode, you can play, stop, pause fast forward, etc and and send numbers to the CD Jukebox. The commands can be selected from the LCD list, or many functions are easily accessed via the buttons on the Harmony Remote (see below for button functions).

The Volume buttons control the volume on your stereo receiver or amplifier (whichever you have specified to the web wizard).

"CD Jukebox" Activity, Play Mode



Navigate Mode: In this mode, you can play, stop, pause fast forward, etc and control the menu system of your CD Jukebox. Your CD Jukebox's main functions are easily accessed via the buttons on the Harmony Remote (see below for button functions). Other commands can be selected from the list displayed on the LCD.



Control Mode: In this mode, you can change to a new Activity, or select one of your entertainment devices to control in more detail. The LCD shows a list of devices that are used in the Activity. For example, if you use your CD Jukebox and stereo receiver in your CD Jukebox Activity , these two devices will be listed. Select one of the devices you would like to control. A list of submenus will be displayed. The commands are grouped by related function.

In the Control Mode, the deafult button mappings are the same as in the Numbers Mode. This is a good mode to create your own button functions. For example, you could have the 9 (Right) and 7 (Left) direction buttons perform balance control on your stereo receiver. To create your own button function, from your Member Home Page, click on the "Edit this Activity" link next to the CD Jukebox icon, and then click on the "Change a Buttons's function or behaviour for this Activity" link.

"CD Jukebox" Activity, Control Mode

If your CD jukebox supports random and continuous modes, the Harmony Remote can switch between them.

When you are listening to a CD and the phone rings, simply press Mute. The Harmony will not only mute the sound, but will also pause the CD.

General Tips

You can change the names of Activities. From your Member Home Page, click on the "Edit this Activity" link next to the Activity icon, and then click on the "Rename..." link.

You can have more than one Activity of a given type. For example, if you have both a cable converter and a satellite receiver, you can add a second "Watch Television" Activity. From your Member Home Page, click on "Add an Activity". When you're done, rename the Activities to help you distinguish between them. In the example above, you could rename one "Watch Television" to "Watch Cable" and the other to "Watch Satellite".

Each "Watch Television" type Activity has its own channel listings, favorite channels, etc. To reduce Update time, try not to have more than two "Watch Television" type Activities.

Customizing your Harmony Remote

All customization of your Harmony Remote is done from your Member Home Page.

- To add or remove an Activity, click on "Add an Activity" or "Remove an Activity".
- To change an Activity you have already set up, click on "Edit this Activity" next to the Activity icon, and then clcik on the appropriate option.
- To add or remove entertainment devices, click on "Add a Device" or "Remove a Device".
- To change a device you have already set up, click on "Edit this device" next to the Device icon, and then click on the appropriate option.

Tip You can see the Activity Id, or a Device Id, by "hovering" your mouse cursor over the Activity icon or device icon.

Tip You can change the function of buttons within a particular Activity and mode. From your Member Home Page, click on "Edit this Activity" next to the Activtiy icon, and then click on "Change a Button's function or behaviour for this Activity".

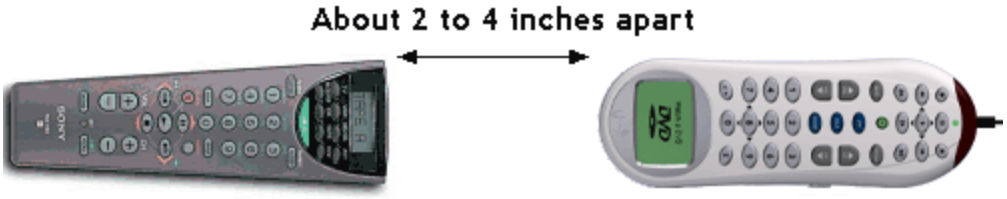
Teaching Infrared Commands

The Harmony Remote will learn infrared commands from other remote controls. This is important in situations where the HarmonRemote.com infrared database does not already contain an infrared command you would like to use.

Tip Determine which device you would like to send the infrared command to. click on "Edit this device" next to the Device icon, and then click on "Learn infrared commands".

Setup

The Harmony Remote has an infrared sensor in a small slot as shown in the picture on the left. It is important that the remote that you wish to learn the infrared command from is placed pointing at the infrared sensor on the Harmony Remote. The other end of the Harmony Remote should be plugged into the USB cable. The remote controls should be about 2 to 4 inches apart as shown in the picture below.



Tip If the web site says that there were problems reading the infrared signal, try moving the original remote control further from your Harmony Remote and try again. If that does not work, try again with your original remote control closer to the Harmony Remote.

Uploading infrared commands

When you press a button on your original remote control, the infrared sensor on the Harmony Remote learns the infrared signal, and the Harmony Remote uploads it via the USB cable (and your computer's internet connection) to the HarmonyRemote.com web site. The web site trys to find a matching pattern for the infrared signal. If no pattern is found, the signal will be stored as-is in its original format. If a pattern is found, the HarmonyRemote.com web site converts the signal into a format for convenient storage. Either way, the signal is then available for you to assign to a button on your Harmony Remote.

Naming Infrared Command

When you teach an infrared command to the Harmony Remote, you need to give the command a name. You can then refer to this command by name in various locations on the web site. It is best to use the default names listed on the Language page. This is so that the web wizards can perform automatic button function assignments for you. For example, if you teach the volume button infrared commands from your original remote control, name them **VolumeUp** and **VolumeDown** (i.e. with no space, and capitalization as shown). The web wizards look for commands with these names to automatically assign them to the volume up and down buttons on the Harmony Remote.

To name a command for which there is no default name on the Language page, try to follow these simple naming conventions. If you do so, it will make button assignment easier. It will also allow you to easily share infrared commands with others.

- Do not use spaces or other special characters such as /, & or * in the name.
- Capitalize the start of words.
  Examples: NextDisc, ModeDigital
- Start the command name with its main function. This helps group related commands in lists.
  Example: VolumeRearUp, VolumeRearDown, VolumeFrontUp, VolumeFrontDown
- For infrared commands that select inputs (for example on a stereo receiver), start with the prefix **Input**. Do not name the input based on what you have connected to your device, but name it based on what it is called on the front of the device, or on the remote control.
  Examples: InputAux, InputVideo1, InputTape, InputDVD, InputVCR.

Interacting with your Entertainment

Bookmark with Zap

Your Harmony Remote always keeps track of what you are doing, whether that be watching TV though your satellite receiver or cable box. When you see something you like, you simply press the **Zap** button. At that instant, your Harmony Remote stores the date and time in its memory, as well as a note of the channel. Therefore it is as if the Harmony Remote bookmarks what you are watching.

The next time you Update your Harmony Remote (for example to receive the latest TV listings), this bookmark information is uploaded from the Harmony Remote's memory directly to HarmonyRemote.com. The web site looks for information related to this bookmark in its database and tries to find appropriate links to other web sites. Click on the "My Zaps" button on your Member Home Page to see the links.

Lets look at an example: Lets say that you are watching Oprah and an interesting book is reviewed. Press the **Zap** button. Later, Update your Harmony Remote. Click on "My Zaps" and you will see various links such as one to www.Oprah.com. You will also see search links that can help you find out more about what you were watching.

Make sure the date and time on your computer are correct when you Update your Harmony Remote. This information is used to determine what show you were watching when you Zapped.

If you change the batteries in your Harmony Remote, the date and time are reset. Your Zap links may not be correct when you next Update. However, from that point forward they will be correct.